H2S STRIP MICROBIAL WATER TESTING KIT

Testing water sources is a critical step for anyone within or affected by the water industry — from government organizations looking to regulate waters to safeguard against environmental and health risks, to homeowners wanting to ensure their water is safe for consumption. Water, whether for a pubic municipality, water facility or business/home, must be tested regularly to keep the source safe and free of potential health/environmental risks. Contamination of food/water in quantity as low as 1 g makes it unfit for consumption and must be tested to avoid any health issues. Further getting this test done in the laboratory is expensive.

Salient Features:

- The process is based on the detection of H2S producing organisms in drinking water, which are present along with Coliforms.
- The kit encompasses screw cap bottles with test media and suitable indicator. Small amount of test sample is put in the bottle and left at 30 ±5C overnight.
- Change in colour depicts the presence of coliforms.

Advantages:

- Low in cost, all other segments and materials can be found easily.
- Simple for non skilled people to understand as a clear change of colour is observed.
- Easy to use in the field as it consists of only prepared testing vial.
- Samples can be incubated at room temperature.
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The technology is ready to be licensed.

